

HOOD CANAL – DUCKABUSH WINTER STEELHEAD

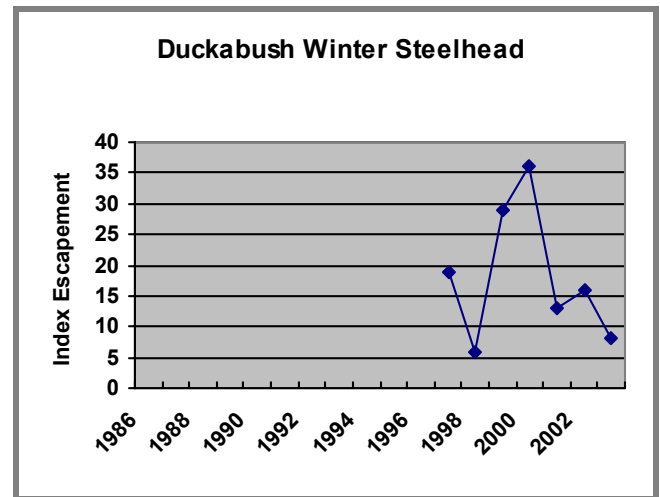
STOCK STATUS

1992 STATUS	2002 STATUS
Depressed	Depressed

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Fair

YEAR	INDEX ESCAPEMENT
1997	19
1998	6
1999	29
2000	36
2001	13
2002	16
2003	8



Data are index escapement estimates based on redd counts in the Duckabush River (RM 0.0 to 2.6).

Stock status is rated **Depressed** in 2002 based on **chronically low** escapements. In all years surveyed, escapement has been lower than expected based on available habitat. Using WDFW methodology (Gibbons et al. 1985) the escapement goal would be 44 wild adults in index areas. However the state and Treaty Tribes have not agreed to the goal or the method used to derive it.

STOCK DEFINITION

Duckabush winter steelhead were identified as a stock based on their distinct spawning distribution.

SPAWNING DISTRIBUTION: Most spawning takes place in the lower four miles of the Duckabush River.

SPAWNING TIMING: Spawning generally occurs from mid-February to mid-June.

GENETIC ANALYSIS: No genetic analysis has been done on Duckabush winter steelhead.

STOCK ORIGIN

Stock origin and production type are **unresolved** by the state and tribes.